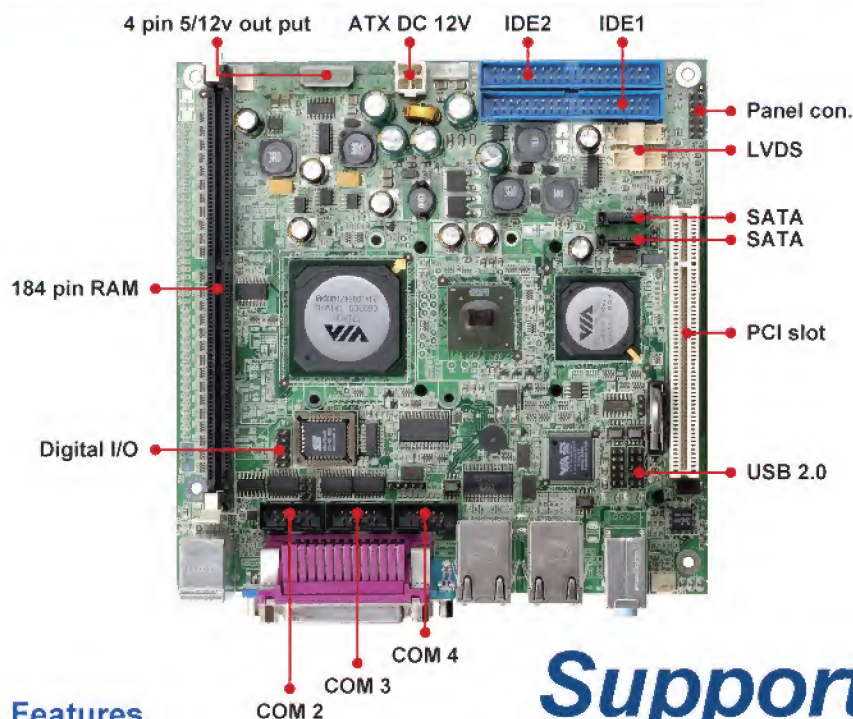


EMB-800 Series

Industrial MINI-ITX Mainboard Computer



- 01 Mouse
- 02 Keyboard
- 03 VGA
- 04 COM1
- 05 Parallel port
- 06 LAN 1
- 07 USB 1
- 08 LAN 2
- 09 USB 2
- 10 Line-In
- 11 Line-Out
- 12 Mic-In

Support DC-12V Input !

Features

- ◆ Onboard VIA C7 1.0GHz
- ◆ VIA CN700/VT8237R System chipset
- ◆ 1 x DDR400 DIMM socket , Up to 1GB memory size
- ◆ LVDS dual channel interface on board (Optional)
- ◆ ATX 12V connector
- ◆ Onboard CD-ROM and HDD power connector. (EMB-801)
- ◆ AC97 audio with amplifier output
- ◆ 4 x RS232 COM ports (2 x COM ports with 5V / 12V power in switch)
- ◆ 2 x Serial ATA ports
- ◆ Dual LAN ports (10/100 Base-T)
- ◆ 8 x USB2.0 ports
- ◆ Watchdog timer
- ◆ RoHS Compliant

Technical Specifications

SYSTEM	
CPU	Onboard VIA C7 1.0GHz
MEMORY	One 184-pin DIMM socket supports up to 1G DDR266/333/400 SDRAM
Chipset	VIA CN700 and VT8237R Plus
BIOS	4M firmware HUB Award license BIOS
VGA	VIA CN700 integrated UniChrome Pro 3D/2D Graphic controller
VIDEO Memory	Up to 64MB shared with system memory
AUDIO	Realtek AC97 Codec
LAN	2 x External LAN ports . Support 10/100 Base-T interface
Enhanced IDE	Supports two IDE devices
Serial ATA	Two SATA connectors support SATA RAID 0, 1 , and 0+1 function
KB/Mouse	5 x 2 header on board supports PC/AT keyboard and PS/2 mouse
Serial port	4 x RS-232 ports (COM3 / COM4 with 5V / 12V selectable)
USB	8 x USB2.0 ports.
LVDS Interface(Optional)	VIA VT1636 LVDS Transmitter , 18/24 bit Dual Channel LVDS
Watchdog Timer	Winbond W83697UF with system generates 256 levels reset
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Power Management	Support ACPI function.
Temperature	Operating: 0°C ~ 50°C
Humidity	5% ~ 95% RH, non-condensing
EMI/EMS	Meet the CE and FCC class A regulation

SYSTEM	
Dimensions	170mm x 170 mm (With 2 big 4P connector for 3.5 inch HDD /CD-ROM power connector)
RoHS	RoHS Compliant
Back Panel I/O	
2 x RJ-45 LAN port	
1 x PS2 mouse port	
1 x PS2 keyboard port	
1 x Parallel (LPT)	
4 x USB 2.0 ports	
1 x VGA port	
3 x Audio jacks: line-out, line-in and mic-in (Horizontal , Smart 5.1 Support)	

* Specification change without notice.